

**DIRECTORATE OF TRAINING AND MOBILIZATION  
ENVIRONMENTAL & NATURAL RESOURCES  
CUSTOMER SUPPORT PACKAGE  
FOR UNITS TRAINING ON FORT McCOY**



***The Environmental Training Support Package***

This package includes information for terrain analysis and exercise planning, approval for large maneuver training exercises, field support activities, POL and hazardous waste collection and disposal, recycling, and troop education and awareness guidance. For further information or assistance with any of these programs, contact the Fort McCoy Range Operations Branch at DSN 280-4848/2951 or Commercial (608) 388-4848/2951.

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## **SUMMARY OF CUSTOMER SUPPORT ACTIVITIES**

### **EMERGENCY RESPONSE PROCEDURES**

Units are required to contact Range Control (alternate Fire Department) in event of an accident or incident. The OIC/NCOIC of the reporting unit must go to Range Control and fill out an accident report once the situation is under control.

To contact Range Control:

- FM Radio---46.80 New Squelch or 41.90 Old Squelch
- Aircraft-----247.4 UHF or 123.45 VHF
- Phone-----DSN 280-3309/4848/4526

For AMBULANCE or MEDEVAC support, call in the following information:

- Name, rank, unit
- Six digit grid location
- Number of patients
- Nature of injury
- How landing zone will be marked
- Vital signs of the patient(s), if possible

Unit leadership must select a 75 meter flat and clear LZ to support a MEDEVAC mission.

### **POL AND HAZRDOUS WASTE COLLECTION AND DISPOSAL**

By law, units generating hazardous waste while training on Fort McCoy are required to properly dispose of the waste. Our goal is to assist training units to properly collect and dispose of these materials. To determine what wastes are hazardous refer to the Hazardous Waste Fact Sheet (Enclosure 1) or contact Dennis Workman at DSN 280-4778 or COM 608-388-4778.

Environmental Division personnel will be available at Building 2958, 1200-1400 every Tuesday and Thursday, or by special arrangement to assist with packaging and disposal of hazardous wastes. For help with the collection and turn-in refer to the POL and Hazardous Waste Disposal Guide (Enclosure 2) or contact the following personnel.

#### **POCs:**

Dennis Workman, DSS, ED..... DSN 280-4778 or (608) 388-4778  
Mike Miller, DSS, ED..... DSN 280-4787 or (608) 388-4787  
Chris Gallup, DSS, ED..... DSN 280-4785 or (608) 388-4785

## **SPILL PREVENTION AND EDUCATION**

Units training on Fort McCoy are to prevent POL and/or hazardous waste spills which may cause adverse effects to the environment. Our goal is to help educate units to prevent spills before they happen. For more information refer to the Fort McCoy Regulation 420-28 Fact Sheet (Enclosure 3) or contact Dennis Workman.

### **POCs:**

Dennis Workman, DSS, ED..... DSN 280-4778 or (608) 388-4778  
Mike Miller, DSS, ED..... DSN 280-4787 or (608) 388-4787  
Chris Gallup, DSS, ED..... DSN 280-4785 or (608) 388-4785

## **RECYCLING**

Fort McCoy has an active recycling program in which the following recyclables are collected; aluminum, clear glass, plastic (#1&#2 only), steel cans, mixed paper, computer paper, cardboard, and fluorescent bulbs. While at Fort McCoy, units shall participate in the recycling program to the greatest extent possible. Our goal is to reduce the amount of solid waste going through the transfer station and into the landfill which will reduce operating costs and protect the environment. For more information refer to the Fort McCoy Recycling Guide (Enclosure 4) or contact the following personnel:

### **POCs:**

David Schafer, DSS, Utilities..... DSN 280-2968 or (608) 388-2968  
Darwin Kuehl, DSS Utilities..... DSN 280-4327 or (608) 388-3051

## **FIELD SUPPORT ACTIVITY APPROVAL**

Approval is granted for the following field support activities provided a Special Site Request is completed and on file at Range Operations, Bldg 110. Contact Range Operations at the extensions listed below early in the planning process to avoid last minute conflicts.

Laundry and Bath Sites	Smoke Generation
Field Dining Operations	Earth Moving (Tank Ditching, Defilades)
POL Distribution (TPUs, Tankers)	Digging/Trenching
Fuel Farms (Bladders)	Timber Cutting
Water Purification	Field Latrines
Vehicle Decontamination	Abatis (Log Obstacles)

### **POCs:**

NCOIC, Range Operations..... DSN 280-4505/4848 or (608) 388-4505/4848  
Jeff Bullen, ITAM..... DSN 280-4792/2951 or (608) 388-4792/2951

## **MANEUVER DAMAGE PREVENTION AND EDUCATION**

Troop readiness depends in part upon a realistic training environment. We are committed to providing the best, most realistic training environment here on Fort McCoy. Our Land Rehabilitation and Maintenance (LRAM) program actively repairs land damaged in the past. To provide the best training area for the future, we have prepared a number of educational materials for use by soldiers and leaders. To obtain multiple copies of this support package, field cards, or for more information, contact the following:

### **POCs:**

Jeff Bullen, ITAM ..... DSN 280-4792/4848 or (608) 388-4792/2951  
NCOIC, Range Operations..... DSN 280-4505/4848 or (608) 388-4505/4848

## **CULTURAL RESOURCES**

The purpose of the Cultural Resources Program is to identify and preserve the archaeological and cultural resources located within the Military Reservation boundaries. Archaeological and cultural resources include such things as rock shelters, prehistoric stone artifacts, and homestead remains. Many of these resources are fragile and all are irreplaceable. If you encounter archaeological or cultural resources during the course of your training here at Fort McCoy, please notify Range Control at the following extensions or at 46.80 MHz.

### **POCs:**

NCOIC, Range Operations..... DSN 280-4505/4848 or (608) 388-4505/4848  
Jeff Bullen, ITAM ..... DSN 280-4792/4848 or (608) 388-4792/2951

## **ENDANGERED SPECIES**

The Karner blue butterfly, a federally endangered species, is found on Fort McCoy. To help protect this species, core areas have been established and marked with signs. All vehicle traffic, bivouacking, and digging within these core areas is prohibited. Foot traffic through these areas is allowed. Please refer to the environmental overlay map at Range Control, Bldg 110.

### **POCs:**

NCOIC, Range Operations..... DSN 280-4505/4848 or (608) 388-4505/4848  
Jeff Bullen, ITAM ..... DSN 280-4792/2951 or (608) 388-4792/2951  
Tim Wilder, BCRT..... DSN 280-5679 or (608) 388-5679

## **INTRODUCTION**

The intent of this handbook is to enhance training by conserving the training environment and terrain. This program is part of the Army-wide Integrated Training Area Management (ITAM) program. Leaders may use the information in this handbook as a detailed reference to address and understand the problems faced by leaders in the field.

## **STATEMENT OF PURPOSE**

On this 60,000-acre installation it is extremely important to use the training resources to your advantage while conserving them for future use. Preventing maneuver damage and maintaining the training quality at Fort McCoy is a command responsibility.

## **FORT McCOY'S TRAINING MISSION**

Fort McCoy, Wisconsin has the primary mission to provide selected services and facilities to DOD and non-DOD organizations. In the event of mobilization, the installation will serve as a Power Projection Platform to provide facilities and training support, as well as deployment assistance for Reserve and National Guard personnel.

## **IMPACT OF TRAINING MANEUVER DAMAGE**

If the mission of Fort McCoy is to be fulfilled, realistic training conditions are required. Maneuver damage will decrease the training realism. This will result in substandard training conditions and will undermine the training mission of Fort McCoy. Maneuver damage needs to be kept to a minimum. The damage that occurs must be repaired. If not, the damage will result in artificial constraints on maneuver training including the following:

- \*Loss of training acreage at Fort McCoy
- \*Creation of safety hazards
- \*Decreased tactical maneuverability
- \*Increased maintenance costs
- \*Loss of vegetation, resulting in a loss of quality training terrain
- \*Destruction of natural camouflage

## **LAND REHABILITATION AND MAINTENANCE (LRAM)**

The Land Rehabilitation and Maintenance Program is the "On-the-Ground" component of the Integrated Training Area Management (ITAM) Program. LRAM is responsible for the rehabilitation of training lands with historical damage, repair of excessive current damage, and the regular maintenance of military training lands subject to the wear and tear of modern training activities. As part of the LRAM Program, certain sections within training areas may be closed to effect recovery and to encourage use of other suitable sites within the training area.

## **PREVENTION OF TRAINING MANEUVER DAMAGE**

The key to preventing maneuver damage is to know how to respond properly to different situations. As leaders the decisions you make will affect the training area by promoting or preventing damage. Once the training land is damaged it is extremely hard and expensive to replace or repair.

### **VEHICLE MOVEMENT (On-Road Movement)**

Each type of vehicle leaves a distinct signature that gives the enemy operators information about the unit. If vehicles are driving on the edges of the roads, the road edge will start crumbling. Enough of this destruction can create erosion gullies, showing the enemy operators the major roads of travel.

- Recommend units avoid causing damage to trees if at all possible. Unit commanders must ensure environmental stewardship at all levels of their command. Drive on established roads during administrative time. Units causing ruts must fill them in as soon as possible.
- Stay away from the edges of roads. Driving on the edges will cause the edges to break and crumble. This can cause the road to wash out from rain and result in erosion problems.
- Obey posted speed limits. Excessive speeds can cause unsafe conditions, damage to vehicles or even loss of lives.

### **VEHICLE MOVEMENT (Off-Road Movement)**

At Fort McCoy, due to the sandy soils, excessive terrain damage can be caused by such maneuvers as neutral steer turns. The damage can cause the sand to be easily eroded by wind and water. Driving up steep embankments can also cause excessive erosion.

- Vehicles should remain on marked trails and designated routes except when directed otherwise during tactical deployment.
- Avoid making neutral steer turns or using missile avoidance tactics unless absolutely necessary. These turns destroy the vegetation, displace soil, and could cause erosion.
- Vehicles are prohibited from driving into, across, or within 50 meters of streams, ponds, or wetlands (Fort McCoy Reg 350-1, para 2-1d).

Use “common sense” management practices during field refueling and maintenance of vehicles and equipment. Examples include the use of drip pans to protect ground surfaces; having POL-absorbing compounds readily available; and insuring qualified leaders provide direct supervision of high-risk operations such as fuel farm activities and engine/transmission removal.

- If a POL spill of one gallon or more occurs immediately report size, location, and type of POL spill to the Range Operations (46.80 MHz FM radio or Ext 2-4848/2951) or the Fire Department (Emergency 911/Fire Admin #2508). Take immediate action to control, contain, and clean up the spill, if safety permits.
- Individual units are responsible for cleaning up spills less than one gallon by placing contaminated soil in a double lined plastic bag. Unit shall then notify the Environmental Division (ED), (Ext 2160/2363) with details of the spill (unit, time, location, and product) and for additional disposal instructions. ED hours of operation are 0700 - 1630, Monday through Friday, or by special appointment.
- Drip pans and drums for disposal of waste fuels, solvents, oils, antifreeze, etc. are available through Troop Unit Support, Bldg. 2569, Ext 2-3800.
- Always turn in unused or waste oil and fog oil through the ED for recycling along with empty drums and other hazardous wastes, such as old batteries, solvent, and paints (Fort McCoy Reg. 385-1, para 2-12e).

## **FIRE**

Uncontrolled fires are the quickest way to reduce the quality of training lands. Fires can destroy vegetation in a very short period of time. This loss of vegetation cover reduces the available bivouac sites and causes severe soil erosion by wind and water. Failure to report fire results in damaged forests and often-lengthy mission shutdown when these fires are discovered. Units training on a range which is on fire must stop training and assist with fire fighting operations. Under no circumstances will anyone go down range into an impact area to fight a fire.

- Open fires are prohibited (Fort McCoy Reg. 385-1, para 2-12n)
- The use of pyrotechnics, smoke pots, and grenades may be restricted when fire danger is high. Smoke grenades and star cluster flares will be only used for emergency operations in high fire danger times (Fort McCoy Reg. 350-2, para 5-9a).
- Follow range regulations when burning excess powder charges. Immediately report all fires to Range Operations (Bldg 110, Ext. 4848/2951, 46.80 MHz). Know the grid location, nature and size. Units are to stop training and assist the fire fighters except when the fire is in an impact area. (Fort McCoy Reg. 385-1, para 2-12n).

## **SOLID WASTE DISPOSAL**



Improper disposal of waste whether MRE wrappers or concertina wire, furnishes the enemy with information about your location and length of supply lines; i.e., MREs could indicate a long supply line while field kitchen would indicate short supply lines. Litter is distinctly different from natural surroundings. Some types of litter can be spotted by air reconnaissance.

- Police all training areas before, during, and after use. Even if it is not your litter, pick it up, because it can give away your position (Fort McCoy Reg 350-2, para 9-11d).
- Dispose of all solid waste and refuse at the Transfer Station (Bldg 2215, Ext. 4327). Police all training areas before, during, and after use. Commanders must ensure there is a disposal plan before training starts. Contact Range Operations (Bldg 110, Ext. 4848/2951) for guidance concerning the turn-in of old barbed, commo, and concertina wire. Wire does not go to the Transfer Station. (Fort McCoy Reg 385-1, para 2-12f).
- All vehicles are required to have a supply of plastic garbage bags for trash collection.
- Dispose of kitchen waste only as authorized. Units will not bury or burn solid waste.
- Use the chemical latrines for human waste, when available. Contact the Supply & Services Division POL Management Office (Bldg 2102, Ext. 3806/4190) for further information on obtaining chemical latrines.
- Recycle all mixed paper, cardboard, steel cans, clear glass, plastic (#1, 2 only) and aluminum at the Recycling Center, Bldg 2218, Ext. 2-2968. (Fort McCoy Reg 350-2, para 9-6c).

## **CAMOUFLAGE**

Live woody vegetation (trees, branches, and limbs) will not be used for camouflage during training without written approval from Range Operations (Fort McCoy Reg. 350-2 para 9-11b). Soldiers may use grasses and similar vegetation for personal (helmet, LBE) camouflage.

- Use camouflage nets instead of live vegetation. The nets are designed to break up the visual lines of equipment and structures.
- Do required training with a concern for conservation and future use of range areas.

## **FIELD SUPPORT ACTIVITIES REQUIRING RANGE CONTROL PRE-APPROVAL**

The following activities require pre-approval from the Fort McCoy Range Operations Branch. Please contact Range Operations (Bldg 110, Ext. 4848/2951) in order to complete a Special Site Request prior to establishing these support activities. Early coordination is requested to prevent last minute training conflicts.

**Laundry and Bath**  
**Field Dining Operations**  
**POL Distribution (TPUs, Tankers)**  
**Fuel Farms (Bladders)**  
**Water Purification**

**Vehicle Decontamination**  
**Smoke Generation**  
**Earth Moving (Tank Ditching/Defilades)**  
**Field Latrines (Slit Trenches)**  
**Abatis (Log Obstacles)**

### **LAUNDRY AND BATH**

Units shall utilize the shower facility located at the corner of South 11th and South Y (NE corner of the old hospital area) whenever possible. This site has replaced the Alderwood Lake and South Post shower points. Alternate siting for units such as Quartermaster Field Service and Medical companies (DEPMED) which require a field location based on their METL, will be handled on a case by case basis through coordination with the Range Operations Branch (Bldg 110, Ext. 4848/2951). Early coordination is requested to prevent last minute training conflicts.

Separate restroom and shower facilities are available for both male and female soldiers at the shower facility.

The shower facility also has an improved area for the setup of the field laundry system and a potable water fill point.

### **FIELD DINING OPERATIONS**

Sumps for disposal of wash water will be constructed IAW FM 21-10, Field Hygiene and Sanitation. Sumps shall be filled and area returned to original conditions prior to departure of unit. Grease shall be strained from the wash water and collected in trash bags and disposed of at the Refuse Transfer Station, Bldg 2215, Ext 4327.

Wastewater generated from mess operations in/around the cantonment area shall be strained (Using burlap or cheesecloth) and disposed of in the Fort McCoy sewer system.

Fort McCoy has an active recycling program in place. All paper, cardboard, plastic (#1 and 2), clear glass bottles, steel cans, and aluminum T-ration containers shall be collected, and disposed of at the Fort McCoy Recycling Center, Bldg. 2218, Ext 2968/3051. Hours are 0730-1500, Monday-Friday.

### **POL TANK & PUMP UNITS (< 5000 GAL)**

Please contact Range Operations (Bldg 110, Ext. 4848/2951) to complete a special site request prior to establishing a POL distribution point. Due to fire and safety considerations, no POL points will be established within the cantonment area. Exceptions will be considered for distribution points west of West Thirteenth Avenue and east of East Thirteenth Avenue. These requests will be handled on a case by case basis by Range Operations.

Drip pans shall be utilized at all dispensing points. Contact Troop Unit Support, Bldg. 2569, Ext 2-3800 to obtain extra drip pans and other spill containment equipment.

Unit shall have available a spill kit consisting of at least a shovel, absorbent material (dry sweep), plastic bags, and drip pans. Please refer to Enclosure 2 (POL & Hazardous Waste Disposal Guide) for turn-in guidance concerning POL contaminated soil.

Spill notification procedures shall be clearly posted at all storage and distribution points.

### **FUEL FARMS/TANKERS (> 5000 GAL)**

Please contact Range Operations (Bldg 110, Ext. 4848/2951) to complete a Special Site Request prior to establishing a fuel farm/bulk POL distribution point. Due to fire and safety considerations, no POL points will be established within the cantonment area. The site shall be clear and nearly level to prevent excessive clearing of vegetation. Berms must be constructed around the bladders to contain major spills. Refer to FM 10-69 (Petroleum Supply Point Equipment and Operations) to ensure proper freeboard size and dimensions.

An impervious liner shall be placed under the fuel bladder and arranged to completely cover the bermed area. Individual units should order berm liners through the supply system prior to arriving at Fort McCoy. Berm liners are stock funded items requiring a funded requisition. The following NSNs are provided for your use in ordering berm liners:

<u>Tank Size</u>	<u>NSN</u>
3 K bag	5430-01-237-3658
10 K bag	5430-01-237-3659
20 K bag	5430-01-237-3660
50 K bag	5430-01-237-3661
210 K bag	5430-01-237-3657

Unit shall have available a spill kit consisting of at least a shovel, absorbent material (dry sweep), plastic bags, and drip pans. Spill notification procedures shall be clearly posted at all storage and distribution points. Please refer to Enclosure 2 (POL & Hazardous Waste Disposal Guide) for turn-in guidance concerning POL contaminated soil.

Prior to backfilling and final closure, unit will contact Range Operations (Bldg 110, Ext. 4848/2951) to schedule a post operations inspection of the site. After inspection, and clean up, if necessary, the area will be re-seeded (if available) and returned to its original contour.

## **WATER PURIFICATION**

Tentative areas available on North Post include Alderwood Lake and Hazel Dell Lake. South Post includes West Sandy Lake, Big Sandy Lake and Swamp Pond. Unit shall submit forecast of water usage on the Special Site Request to Range Operations. This will assist in the prevention of low water levels which may adversely affect fish and wildlife habitats.

Clear area through Range Operations (Bldg 110, Ext. 4848/2951) to determine if area is available. Vehicles are to remain at least 50 feet from the water source to prevent bank erosion.

Before disposal of the Reverse Osmosis Water Purification Unit (ROWPU) backwash wastewater, the suspended solids must be settled and the supernatant returned to the brine tank. The brine should then be blended with product quality water prior to disposal. After blending, the backwash wastewater shall be land applied no closer than 50 meters to any surface water. Waste (filtrate) water, which is discharged during the filtration process, shall be land applied no closer than 50 meters to any surface water. Product (purified) water not consumed shall also be land applied no closer than 50 meters to surface water.

Field cleaning of ROWPU units using citric acid or Triton X-100 solutions is not authorized. If cleaning is scheduled while at Fort McCoy, the ROWPU effluent must be discharged in the Fort McCoy sanitary sewer system. Contact Range Operations at least 24 hours prior to any cleaning operations. When the water purification mission is complete, area shall be returned to original conditions.

## **VEHICLE DECONTAMINATION**

Please contact Range Operations (Bldg 110, Ext. 4848/2951) to complete a Special Site Request prior to conducting vehicle decontamination operations. Vehicle undersides and cargo beds of TPUs shall not be sprayed. Only water shall be used for simulating decontamination operations.

## **SMOKE GENERATION**

Please contact Range Operations (Bldg 110, Ext. 4848/2951) to complete a Special Site Request prior to conducting smoke generation operations. Smoke pots and smoke grenades shall be policed after the contents are expended. Areas will not be cleared by Range Control if these expended materials remain in the training area.

## **EARTH MOVING OPERATIONS**

Please contact Range Operations (Bldg 110, Ext. 4848/2951) to complete a Special Site Request prior to conducting any digging or earth moving operations. Trenches, defilades, tank traps, and fighting positions must be filled in accordance with Fort McCoy Reg. 385-1, para 2-12c.

Please verify with Range Operations prior to digging if you are unsure of your location. This will prevent the accidental cutting of any utility or communication lines.

Contact Range Control to schedule the tank ditching and engineer training areas.

## **FIELD LATRINES**

The use of portable latrines (porta-potties) is strongly encouraged to prevent contamination of the environment. If these are unavailable due to funding or mission constraints, contact Range Operations (Bldg 110, Ext. 4848/2951) to complete a Special Site Request and to determine suitable locations to establish field latrines according to the environmental overlay map.

Portable latrines are required during all winter field operations.

Closure of latrine pits will include the compaction of no less than 24 inches of soil on the pit at ground level. The closed pit shall be marked with a sign including the unit identification and the date of closure. Refer to FM 21-10, Field Hygiene and Sanitation, for guidance on trench and sump construction.

If field latrines are authorized for use, hydrated lime added in amounts of approximately one cup, sprinkled over the solids in the pit will tend to minimize odors and also aid in decomposition. As the odors again become objectionable, another cup of lime should be added. Excess amounts of lime will tend to retard decomposition rather than promote it, although the generation of odors will be inhibited. Caution should be exercised to keep the lime dust out of the eyes and nostrils.

## **ABATIS (LOG OBSTACLES)**

Please contact Range Operations (Bldg 110, Ext. 4848/2951) to complete a Special Site Request prior to the cutting of trees to construct log obstacles. Deadfall should be used if at all possible.

## **COMMAND RESPONSIBILITY**

The OIC/NCOIC is responsible for policing the training environment after the training is complete. This will ensure the highest ecological standard is maintained before leaving the training area. When the training is completed on an area, it will be inspected by Range Operations by appointment. If more time is required to clear an area, coordination between the OIC and Range Operations is necessary. If the area is not satisfactorily cleared the unit's battalion S3 will be notified and the reason will be explained. Another inspection will then be coordinated. If the inspection fails again the brigade and battalion commander will be notified and the violating unit will be denied further access. When the violations have been corrected, Range Operations will again inspect the area.

It is expected that the unit police the areas before the inspection of the training area. Adequate policing of an area is as follows:

- Remove litter on the entire training area whether it is yours or not.
- Fill in all excavations according to regulations.
- Remove all types of wire. This includes concertina and commo wire.
- FP and OP markers must be left in satisfactory conditions.
- Knock down all dirt mounds, regardless of cause.

It is leadership's responsibility to maintain the quality of training lands at Fort McCoy.

## **WHERE TO START**

1. Read and understand all elements in Fort McCoy regulations 385-1 and 350-2. They contain exact requirements on protecting the terrain.
2. Be sure to obtain adequate copies of this handbook through Range Operations for your leaders and insist they read and understand this handbook.
3. If you have any further questions, feel free to contact:

Range Operations, DSN 280-4848/2951, or Commercial (608) 388-4848/2951, Bldg 110.

Biological and Cultural Resources Management Team, DSN 280-4793, or  
Commercial (608) 388-2252, Bldg 103.

Environmental Division, DSN 280-2160/2363 or Commercial (608) 388-2160,  
Bldg 2170.

# **HAZARDOUS WASTE FACT SHEET**

Waste is anything that can no longer be used for its original intended purpose. It may no longer be usable because it's been used in a process, it has an expired shelf life, or it has been contaminated. Waste is hazardous if it is specifically listed by the Resource Conservation and Recovery Act (RCRA) regulation; or it displays any of the four following hazardous characteristics:

## **IGNITABLE**

- A liquid with a flash points less than 141 degrees F or can cause a fire through friction.
- Any waste that is an ignitable compressed gas.

## **CORROSIVE**

- Liquid waste with a pH less than or equal to 2.0; or greater than or equal to 12.5.
- Any waste that corrodes plain carbon steel at a rate greater than 0.250" per year at 130°

## **REACTIVE**

- Is normally unstable, undergoes violent changes without deteriorating, and is explosive
- Reacts violently with water and may generate toxic fumes or gases.

## **TOXIC**

- An extract of the waste, using specific test methods, equals or exceeds the standards for the list of 40 contaminants set forth by the Environmental Protection Agency (EPA).
- The EPA's list includes metals, pesticides, and solvents.

The following is a short list of hazardous waste most commonly generated during annual training. Please contact Dennis Workman, ED, ext. 2-4778; Chris Gallup, ED, ext. 2-4785; or Mike Miller, ED, ext. 2-4787 for additional information.

### **POL PRODUCTS**

Mogas  
Diesel  
JP4  
JP8  
Antifreeze  
Oil  
Filters  
Brake Fluid  
Solvents  
Rifle Bore Cleaner  
Paint  
Mineral Spirits  
Petroleum Naphtha

### **BATTERIES**

Magnesium  
Lithium  
Nickel-Cadmium  
Silver  
Lead-Acid  
Mercury

### **NBC EQUIPMENT**

Decontamination Kits  
Water test kits  
Food test kits  
Mask filter elements  
Detector kits  
M8 refill kits  
DS2  
STB

## **POL AND HAZARDOUS WASTE DISPOSAL GUIDE**

While training at Fort McCoy, many units will generate hazardous or POL waste. Almost all training operations generate used batteries and decontamination kits. Most vehicle maintenance operations will generate used oil, antifreeze, solvents, and oil filters.

**Units producing hazardous or POL wastes are responsible for their proper disposal.**

### **IF YOUR UNIT IS PRODUCING HAZARDOUS WASTE:**

1. Draw one 55-gallon drum from Troop Installation Support Branch (Bldg 2569, ext. 2-3800) for each types of waste that will be generated. Each drum should then be labeled as to its contents.
2. Each unit must have a Material Safety Data Sheet (MSDS) for every hazardous material item and have it accessible to anyone working with that item. If your unit is having difficulty obtaining an MSDS, contact the Environmental Division (ED) who will assist you in acquiring the required MSDS.
3. The ED will assist units with the turn-in of hazardous and POL waste, to include contaminated soil, at Building 2958 from 1200 to 1400, Tuesday and Thursday. Turn-ins outside of this time frame should be coordinated with Dennis Workman (2-4778); Chris Gallup (2-4785); or Mike Miller (2-4787).
  - a. The ED will provide turn-in documentation, labels, and demilitarization instructions for training kits.
  - b. After the ED has finished all turn-in documentation, units will transport the hazardous waste to the Defense Reutilization and Marketing Office (DRMO) at Building 2184, ext. 2-3710 for final turn-in.
  - c. Please contact Dennis Workman, Chris Gallup, or Mike Miller for additional information or turn-in assistance.



# ***FORT McCoy REGULATION 420-28***

## ***FACT SHEET***

1. **PURPOSE:** This regulation is written to provide guidance to personnel at Fort McCoy on measures to protect human health and to prevent oil and/or hazardous substance spills from polluting, contaminating, or causing adverse effects to the environment.
2. **APPLICABILITY:** This regulation applies to all permanent and tenant activities on Fort McCoy.
3. **DEFINITION OF A SPILL:** A discharge of one (1) gallon or more of petroleum product substances to include, but not limited to fuel oil, diesel, gasoline, motor oil, JP4 and JP8 constitutes a reportable spill if spilled on land. A discharge of petroleum product substances into a navigable waterway, which is sufficient to cause sheen, is also a reportable spill. A discharge of any other hazardous material including, but not limited to mercury, chlorine leaks, and pesticides must be reported if there is any leakage or spillage of the smallest quantity. Discharges of radioactive materials must be reported in accordance with the Fort McCoy Safety Office Radiation Plan.
4. **INITIAL RESPONSE ACTIONS:**
  - a. The person causing or discovering a release of oil or hazardous materials shall take the following actions:
    - (1) **IF POSSIBLE, SAFELY STOP THE FLOW.**
    - (2) **REPORT THE SPILL TO THE FIRE STATION, BUILDING 1680, EMERGENCY TELEPHONE NUMBER 911, OR ADMINISTRATIVE NUMBER 2-2508. SPILLS THAT OCCUR IN THE TRAINING AREAS ARE IMMEDIATELY REPORTED TO RANGE CONTROL.**
    - (3) **IF POSSIBLE, KEEP THE SPILL FROM SPREADING BY BERMING WITH SOIL OR ABSORBENT MATERIAL.**
  - b. The Fire Department will respond to the scene and alert the appropriate individuals.
  - c. A reportable spill may require remedial action to remove any contaminated soil or water from the spilled area. This action will be coordinated with the Fire Department. Spills not meeting the definition of a reportable spill (less than one-gallon) may also require remedial action. This action may be performed by the responsible party. The ED should be contacted at ext. 2-2160/2363 for guidance on proper disposal of clean-up materials (dry sweep, rags, and soil).

## ***RECYCLING SOLID WASTE FROM FIELD AND CANTONMENT AREA***

**PROCEDURE:** Generator removes recyclable material from the waste stream at the source. Transport from the field to the Recycling Center, Building 2218. In the cantonment area, place in specially marked dumpsters located near the dining facilities.

### **ITEMS TO BE RECYCLED:**

1. **Corrugated Cardboard:** (boxes, shipping containers, etc.): Take to Bldg 2218 for processing. Boxes should be broken down as much as possible.
2. **Packing Material:** (Polystyrene "peanuts", bubble pack, sheet foam, vermiculite): Please contact the Recycling Center, Bldg 2218 for turn-in guidance.
3. **Mixed Paper:** (office paper, post-it notes, newspaper, regular and windowed envelopes): Place in "blue bins" or deliver to Bldg 2218. Please no carbon paper.
4. **Computer Printout Paper:** Wide (11x17) printout, place in specially marked "blue bins" or deliver to Bldg 2218.
5. **Aluminum Cans:** Empty cans, bag and deliver to Bldg 2218.
6. **Steel/Bi-Metal Cans:** (#10 cans, soup cans, coffee cans, bottle caps/lids): Each dining facility will have a recycling dumpster designated for steel cans. Cans shall be rinsed of all food products. The recycling crews will pick-up and empty the dumpster weekly.
7. **Glass:** (clear glass only, no window glass): Rinse and place carefully in designated recycling containers located near the dining facility or deliver to Bldg 2218.
8. **Plastic:** (milk jugs, juice containers, pop bottles): Numbers 1 & 2 are currently accepted. Rinse and place in designated recycling containers located near the dining facility or deliver to Bldg 2218.
9. **Computer Printer Cartridges:** Place in a clear plastic bag and place with other recyclables or deliver to Bldg 2218. Contact the Recycling Office for further information.

***Questions or special pick-ups can be arranged by calling the Fort McCoy Recycling Center, Building 2218, at ext. 2-2968. Hours are Monday through Friday, 0700-1500, or by special arrangement.***

Enclosure 4